strip (17) having a first surface (18) of a sealing medium corresponding substantially to the sealing medium of the adjacent bag wall (3), and heat-sealed peelably to the second edge portion (preferably the edge portion (15) of the side wall (2), the strip (17) having a second surface (20) of a sealing medium heat-sealing peelably to the sealing medium of the adjacent bag wall.--

- --5. (Amended) Stand-up bag according to claim 1, characterised in that the peelable connection (32) comprises a film strip (37) arranged between the upper edges (16,15) of the top wall (3) and the side wall (2) and having a first and a second outer sealing medium layer (28,29) with which it is firmly (non-peelably) heat-sealed to the respective edge portions (16,15) and further having an intermediate layer (30) peelably connected to at least one of the outer sealing medium layers having a tear resistance weaker than the peel strength between the intermediate layer (30) and the said sealing medium layer.--
- --7. (Amended) Stand-up bag according to claim 1, characterised in that the peelable connection (42) comprises a peelable strip of the hot-melt type applied to at least one of the two mutually facing surfaces (19,20) of the upper edge portions (16,15) of the top wall (3) and the side wall (2).--
- --8. (Amended) Stand-up bag according to claim 1, characterised in that above the peelable connection (42) the upper edge portion (53) of the top wall is folded down to abut the outer face of the adjacent side wall (2).--
 - --9. (Amended) Stand-up bag according to claim 1, characterised in that above the

peelable connection (42) both the upper edge portions (60) of the top wall (3) and the upper edge portions (58) of the adjacent side wall (2) are folded down onto the adjacent side wall (2).--

--10. (Amended) Stand-up bag according to claim 1, characterised in that in the area of the peelable connection (52) the upper edge portion (36) of the side wall or top wall (3) is folded down for abutment inner face to inner face and that the wall (3) with the folded-down edge portion (36) has an outer sealing medium layer heat-sealing peelably to the inner sealing medium layer (20) of the other wall (2).--